



July 24, 2009

Carl Elshire
City of Des Moines
Public Works Department
3000 Vandalia Road
Des Moines, Iowa 50317

WASTEWATER RECLAMATION AUTHORITY
WRA EQUALIZATION BASIN UTILIZATION
ENERGY UTILIZATION

In response to your request, the writer has completed a review of the proposed WRA Equalization Basin Utilization project as it relates to compliance with the current state building energy code and the ability of the project to meet Energy Star standards. The WRA Equalization Basin Utilization project would appear to be classified as a rehabilitation project, rather than new construction. The project involves upgrading and rehabilitation of two WRA equalization basins, the Southern Tier Interceptor - Phase 10, Segment 13 and the Beaver Creek Equalization Basin - Phase 6, Segment 1.

The Southern Tier Equalization Basin includes a building that houses the electrical and control equipment. It is not anticipated any rehabilitation will be undertaken of this part of the facility. The basin modifications will involve piping changes and upgrading local control facilities in the equalization basin. Compliance with the current state building energy code would not appear to be applicable to the project.

The project will involve some change out and updating of the remote control facilities at the equalization basin. Preliminary design would indicate the equipment would not be of the type covered under the Energy Star requirements. However, any improvements that could meet Energy Star requirements would be designed in a manner to provide the Energy Star qualified equipment. For purposes of the project, it appears meeting the Energy Star requirements would not be applicable.

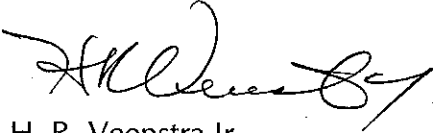
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The Beaver Creek Equalization Basin is an open equalization basin with no building facilities. Compliance with the current state building energy code would not be applicable for this portion of the project.

Preliminary design would indicate none of the other control improvements would be with equipment under the Energy Star program. However, to the extent any equipment replacement could be with Energy Star qualified equipment, the project will meet the requirements.

If you have any questions or comments concerning the projects, please contact the writer at 225-8000.

VEENSTRA & KIMM, INC.

A handwritten signature in black ink, appearing to read 'H. R. Veenstra Jr.', written over a horizontal line.

H. R. Veenstra Jr.